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Complete Solution For Industry Product Brochure



ZHEJIANG GUOZHEN ELECTRICAL CO., LTD

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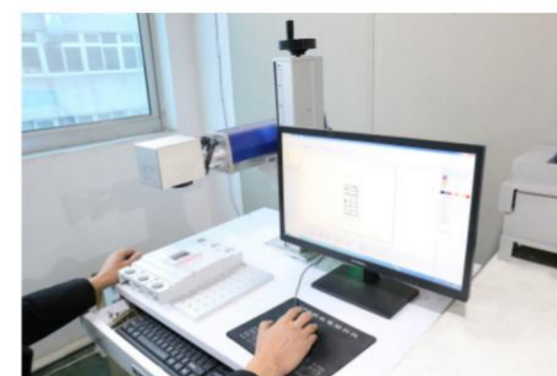
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ZHEJIANG GUOZHEN ELECTRICAL CO., LTD



Metal Combiner box

GZ PV String DC Combiner Boxes are key components in the PV Solar power systems, which are placed between Solar Modules and the Inverters. Simplify the physical wiring between solar panel and inverter Fault current protection for each PV String Fault alarm Easy installation and maintenance



COMPANY INTRODUCTION

zhejiang guozhen electrical co., ltd build in 2012, our company is a high-standard manufacturer specializing in the development and production of low voltage products, The wide range products under manufacturing covers such as AC&DC Surge Protective Device (SPD), AC&DC Moulded Case Circuit Breaker (MCCB), Voltage & Current Protector, AC&DC Miniature Circuit Breaker (MCB), DC Fuse Holder, Combiner Box, Universal Circuit Breaker, automatic transfer switch, etc.

The company has passed ISO9001, ISO45001, ISO14001 and products certified by, CE, ROHS etc.

Our company accepts OEM&ODM customers, we are good at promoting cooperation and putting customers first.

We are providing the dedicated service to customers according to our rich experience. Willing to go forward hand in hand with you!





AC MCCB

ZYM1 series moulded case circuit breaker (hereinafter referred to circuit breaker) is applied in the circuit of AC 50/60 Hz, its rated isolation voltage is 800V, rated working voltage is 500V, its rated working current reaches to 800A. Circuit breaker has over-load, short circuit and under-voltage protection function so that protects the circuit and power supply device from being damaged. This circuit breaker has the features of small volume, high breaking ability, short arc and anti-vibration. Circuit breaker can be installed in a vertical or horizontal way. Circuit breaker has isolation function.



DC MCCB

GZM1PV series Moulded Case Circuit Breaker is designed to distribute power and protect the circuit and power equipment against overload in solar system. Is a new type of product, developed and manufactured by Adopting international advanced technology. It is supplied with rated insulation voltage 1000V and used for circuit of 50Hz/60Hz, rated operation voltage DC 1000V or below rated operation current up to 800A.



Universal Circuit Breaker

GZW1 series intelligent breaker is applicable for distribution network of AC50Hz, rated voltage of 4400V and 690V, and rated current of 630A~3200A, to distribute electric energy and prevent the circuit and power equipments from harm of overload, under-voltage, short circuit and single-phase earth etc. Provided with intelligent protecting function and precise selective protection, breaker can enhance the dependability of power supply and avoid unwanted power cut. This product accords with the standard of GB14048.2 "low-voltage switchgear and controlling equipment, the low-voltage circuit breaker" and IEC60947-2 "low-voltage switchgear and controlling equipment the second part: low-voltage circuit breaker."



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DC SPD

The DC surge protector, protect against lightning surge voltages in solar system (photovoltaic power supply system). These units must be installed in parallel on the DC networks to be protected and provide common and different modes protection. Its installed location are recommended at both ends of the DC power supply line (solar panel side and inverter/converter side), especially if the line routing is external and long. High energy MOVs equipped with specific thermal disconnectors and related failure indicators.



AC MCB

AC MCB Miniature Circuit Breaker series is used in lighting distribution system or motor distribution system for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, up to 6kA with long life, is mainly used in AC 50/60Hz single-pole 230V or two, three, four-pole 400V circuit for overload and short circuit protection as well as for unfrequented on-and-off switching electric equipment and lighting circuit in normal case. The product complies with EN/IEC60898.



AC SPD

The GZ2-20/40/60/80/100 series surge protective device SPD, is suitable for TN-S, TN-C-S, TT, IT etc. power supply system of AC 50/60Hz, $\leq 380V$. Its designed according to IEC61643-1, GB18802.1, it adopt 35mm standard rail, there is failure release mounted on the module or surge protective device. When the SPD fails in breakdown for over-heat and over-current, the failure release will help electric device separate from the power system and give the indication signal, green means normal, red means abnormal, its also could be replaced for the module when has operating voltage.



DC MCB

DC MCB supplementary protectors are designed to provide over-current protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications. the circuit breaker adopts a special extinguishing and current limiting system, which can quickly switch off the fault current of the DC distribution system, to protect photovoltaic module, the important component in solar power generation system from the harm of high DC reverse current and AC feedback current caused by inverter failure, and ensure the reliable operation of solar photovoltaic power generation system. Standard: IEC 60947-2



Adjustable voltage protector

This voltage protector mainly used for residential household box entry or over-voltage, under-voltage or over-current protection of distribution lines for single-phase electrical equipment.

Its main feature is that the circuit has over-voltage or under-voltage, over-current condition, the product can cut off the power supply instantaneously to protect the electrical equipment from being damaged; and the protector can automatically turn on the power supply when the circuit voltage returns to normal.



DC & plastic combiner box

GZ PV String DC Combiner Boxes are key components in the PV Solar power systems, which are placed between Solar Modules and the Inverters. Simplify the physical wiring between solar panel and inverter Fault current protection for each PV String Fault alarm Easy installation and maintenance



DC Fuse Holder

DC Fuse mainly used in DC combiner box in solar PV systems. When PV panel or inverter caused overload or short circuit, it trip off immediately, to protect PV panels, DC fuse also used to protect other electrical parts in DC circuit, when overload or short circuit.



Automatic Transfer Switch ATS

GZQ5 series dual-power automatic transfer switch is newly developed micro household power transfer switch. The Switch is mainly used for testing whether normal or spare power is normal or not. When the normal power is abnormal, the spare power works at once, which therefore ensure the continuity, reliability, and safety of power supply. The product is specifically designed for household orbit-type installation and specifically used in Din-Rail power distribution box.

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EWJ

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U-type

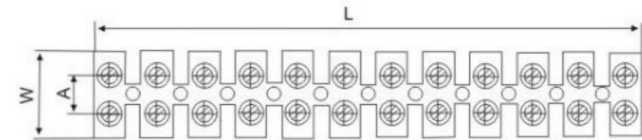
Terminal Blocks

Type: H type ,U type
Color: White, Black, other color is also available.
Material: Made of PA, PE or PP.

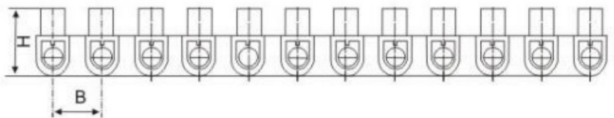
Current	Cable Size mm²	Pole No.	Volt.	L	W	H	A	B	Packing
3A	2.5	12	400V	93	16	12	6	8	10PCS
6A	6	12	400V	115	15.7	13	6.5	9.5	
10A	10	12	400V	126	20.2	15.5	8.4	10.5	
15A	12	12	400V	139	23	17.7	10.3	12	
20A	14	12	400V	155	25	19.2	11.5	13.5	
30A	16	12	400V	171	26	20.5	12	14.5	
60A	25	12	400V	192	30	26	13.5	16.5	
80A	30	12	400V	205	33	27	15	17	
100A	35	12	400V	250	46	31	22	21	
150A	40	12	400V	270	46	38	22	23	



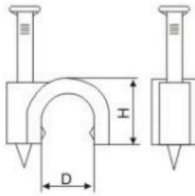
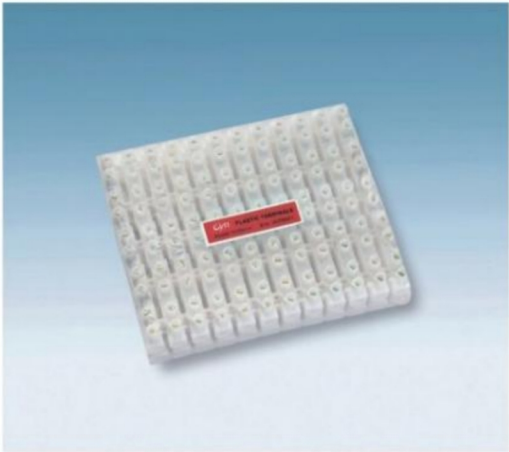
H-type



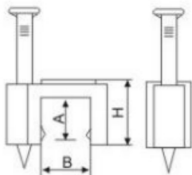
H



U



Circle Cable Clips



Flat Cable Clips

Circle Cable Clips

Feature: good elasticity and shock resisting. Inserting type. Nail attached in chips.
Time saving and cost saving.
Material: chip made of PE, nail made of medium carbon steel
Color: white, grey, black, other colors are available .

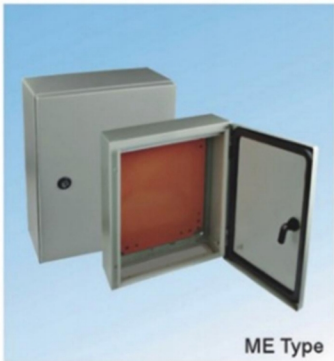
Item No.	H(mm)	Circle Path D(mm)	Nail(mm)
CE-4mm	5.3	4.0	1.7×14
CE-5mm	6.3	5.0	1.7×14
CE-6mm	7.4	6.0	1.85×16
CE-7mm	8.4	7.0	1.85×18
CE-8mm	9.4	8.0	1.95×19
CE-9mm	10.4	9.0	2.05×22
CE-10mm	11.4	10.0	2.20×23
CE-12mm	13.4	12.0	2.20×25
CE-14mm	16.4	14.0	2.35×30
CE-16mm	19.0	16.0	2.35×32
CE-18mm	19.7	18.0	2.6×38
CE-20mm	22.2	20.0	2.7×40
CE-22mm	25.0	22.0	2.9×43
CE-25mm	27.7	25.0	3.1×50
CE-30mm	33.1	30.0	3.5×55
CE-32mm	35.6	32.0	3.5×55
CE-35mm	36.6	35.0	3.5×60
CE-40mm	45.2	40.0	3.5×65

Flat Cable Clips

Feature: good elasticity and shock resisting. Inserting type. Nail attached in chips.
Time saving and cost saving.
Material: chip made of PE, nail made of medium carbon steel
Color: white, grey, black, other colors are available .

Item No.	H(mm)	A	B	Nail(mm)
CE-4mm	6.0	3.8	4	1.7×14
CE-5mm	6.0	3.8	5	1.7×14
CE-6mm	6.5	4.1	6	1.7×16
CE-7mm	7.0	4.7	7	1.9×16
CE-8mm	7.5	5.0	8	2.1×19
CE-9mm	8.2	5.4	9	2.1×20
CE-10mm	8.6	5.7	10	2.3×21
CE-12mm	9.0	6.1	12	2.3×23
CE-14mm	11.0	8.0	14	2.3×25
CE-18mm	12.5	10	18	2.6×27

Wall Mounting Industrial Enclosure



ME Type

◆ Standard Configuration

- ◆ Body and door manufactured in 1.2 to 1.5mm steel sheet
- ◆ Flat mounting plate or gavanized steel plate in 1.5mm steel sheet
- FINSH
- ◆ Cycle thermosetting epoxypolyester powder coating
- ◆ Body and door painted to RAL 7032
- ◆ Mounting plate in RAL2004 smooth finish
- PACKING
- Boxes are complete with:
- ◆ Mounting plate
- ◆ Gland plate and gasket
- ◆ Wall fixing brackets and screws
- ◆ Locking round bar key

◆ Specifications(single door)

Model	H(mm)	W(mm)	D(mm)
ME252015	250	200	150
ME302015	300	200	150
ME302515	300	250	150
ME302520	300	250	200
ME303015	300	300	150
ME303020	300	300	200
ME403015	400	300	150
ME403020	400	300	200
ME404020	400	400	200
ME503015	500	300	150
ME503020	500	300	200
ME503025	500	300	250
ME504015	500	400	150
ME504020	500	400	200
ME504025	500	400	250
ME504030	500	400	300
ME505020	500	500	200
ME604015	600	400	150
ME604020	600	400	200
ME604025	600	400	250
ME605015	600	500	150

Model	H(mm)	W(mm)	D(mm)
ME605020	600	500	200
ME605025	600	500	250
ME606025	600	600	250
ME606030	600	600	300
ME705020	700	500	200
ME705025	700	500	250
ME705030	700	500	300
ME806020	800	600	200
ME806025	800	600	250
ME806030	800	600	300
ME808020	800	800	200
ME808030	800	800	300
ME1006025	1000	600	250
ME1006030	1000	600	300
ME1008025	1000	800	250
ME1008030	1000	800	300
ME10010030	1000	1000	300
ME1208030	1200	800	300
ME1208040	1200	800	400
ME12010030	1200	1000	300
ME12010040	1200	1000	400

◆ Specifications(single door)

Model	H (mm)	W (mm)	D (mm)
MED608020	600	800	200
MED608025	600	800	250
MED608030	600	800	300
MED6010025	600	1000	250
MED6010030	600	1000	300
MED708030	700	800	300
MED808030	800	800	300
MED808040	800	800	400

Model	H (mm)	W (mm)	D (mm)
MED8010030	800	1000	300
MED10010030	1000	1000	300
MED10010035	1000	1000	350
MED10010040	1000	1000	400
MED1208030	1200	800	300
MED1208040	1200	800	400
MED12010025	1200	1000	250
MED12010030	1200	1000	300

Model	H (mm)	W (mm)	D (mm)
MED12012040	1200	1200	400
MED14010025	1400	1000	250
MED14010030	1400	1000	300
MED14010040	1400	1000	400
MED14012030	1400	1200	300
MED14012040	1400	1200	400
MED14014030	1400	1400	300
MED14014040	1400	1400	400



MED Type

Wall Mounting Industrial Enclosure(Internal Door)

◆ Specifications

Model	H(mm)	W(mm)	D(mm)
MEI403015	400	300	150
MEI403020	400	300	200
MEI404020	400	400	200
MEI503020	500	300	200
MEI503025	500	300	250
MEI504020	500	400	200
MEI504025	500	400	250
MEI504030	500	400	300
MEI604020	600	400	200
MEI604025	600	400	250
MEI605020	600	500	200
MEI605025	600	500	250
MEI606025	600	600	250
MEI606030	600	600	300
MEI705025	700	500	250
MEI705030	700	500	300
MEI806025	800	600	250
MEI806030	800	600	300
MEI1006025	1000	600	250
MEI1006030	1000	600	300
MEI1008025	1000	800	250
MEI1008030	1000	800	300
MEI1208025	1200	800	250
MEI1208030	1200	800	300



PV combiner box

◆Standard Configuration

- ◆Body and door manufactured in 1.2 to 1.5mm steel sheet
- ◆Flat mounting plate or gavanized steel plate in 1.5mm steel sheet
- FINSH
- ◆Cycle thermosetting epoxypolyester powder coating
- ◆Body and door painted to RAL 7032
- ◆Mounting plate in RAL2004 smooth finish
- PACKING
- Boxes are complete with:
- ◆Mounting plate
- ◆Gland plate and gasket
- ◆Wall fixing brackets and screws
- ◆Locking round bar key

◆Specifications(single door)

Model	H(mm)	W(mm)	D(mm)
4ways	440	400	180
6ways	500	400	180
8ways	600	460	180
10ways	700	460	180
12ways	750	460	180
14ways	750	460	180
16ways	750	560	200
20ways	750	560	200
24ways	800	560	200



Wall mounted telephone box

◆Standard Configuration

- ◆Body and door manufactured in 1.2 to 1.5mm steel sheet
- ◆Flat mounting plate or gavanized steel plate in 1.5mm steel sheet
- FINSH
- ◆Cycle thermosetting epoxypolyester powder coating
- ◆Body and door painted to RAL 7032
- ◆Mounting plate in RAL2004 smooth finish
- PACKING
- Boxes are complete with:
- ◆Mounting plate
- ◆Gland plate and gasket
- ◆Wall fixing brackets and screws
- ◆Locking round bar key

◆Specifications(single door)

Model	H(mm)	W(mm)	D(mm)
ME404012	400	400	120
ME404015	400	400	150
ME606015	600	600	150



Metal air grille

◆Specifications

Model	L(mm)	W(mm)
ME1515	150	150
ME2020	200	200
ME2525	250	250
ME3030	300	300
ME3636	360	360

